

FIG. 1

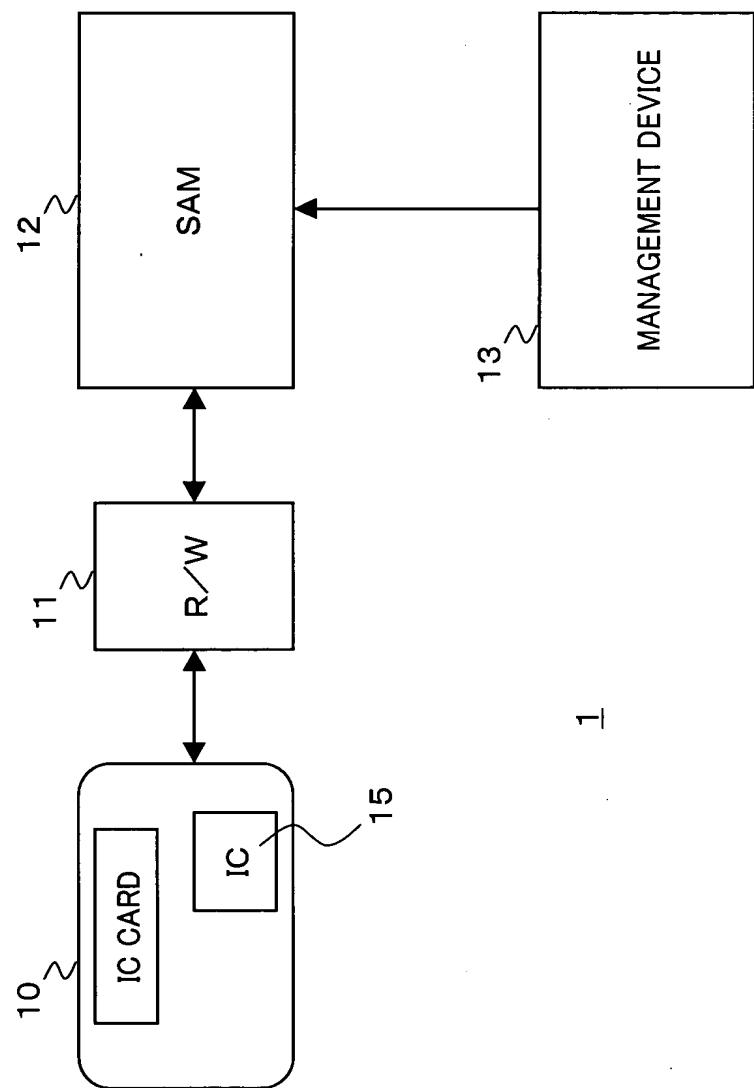


FIG. 2

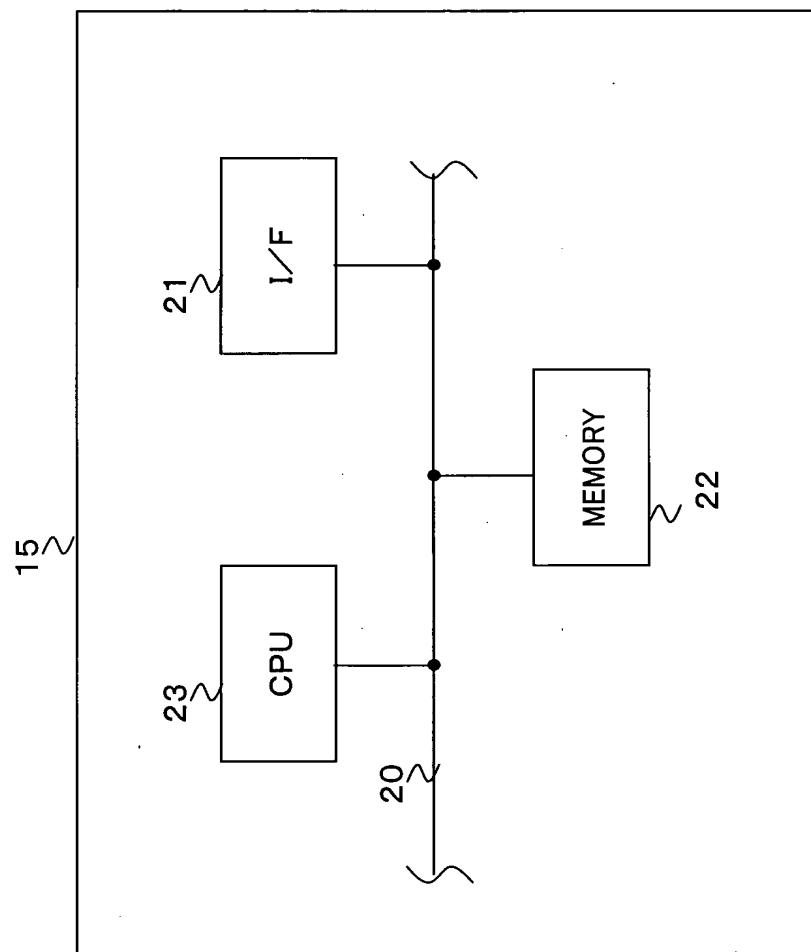


FIG. 3

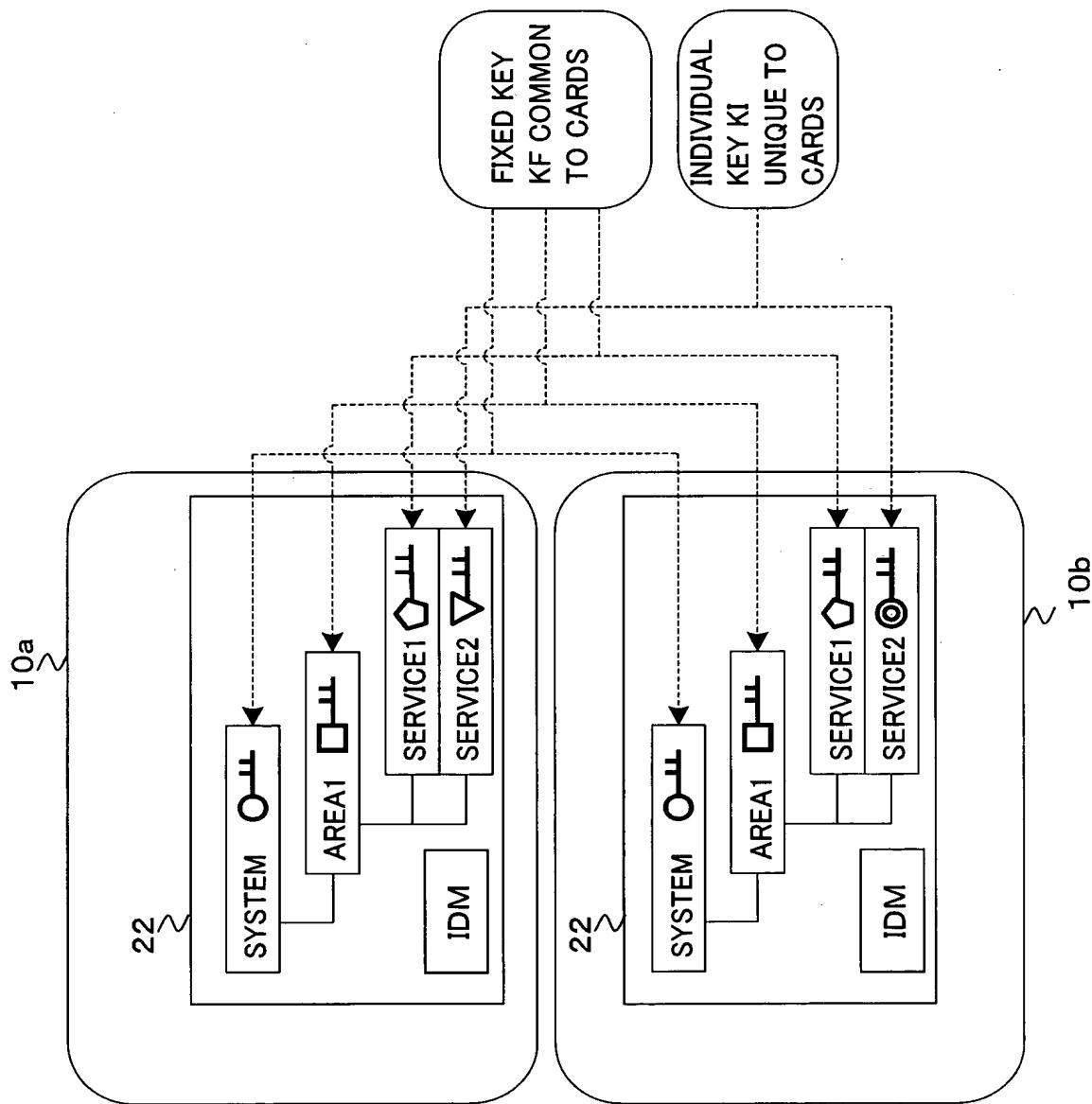


FIG. 4

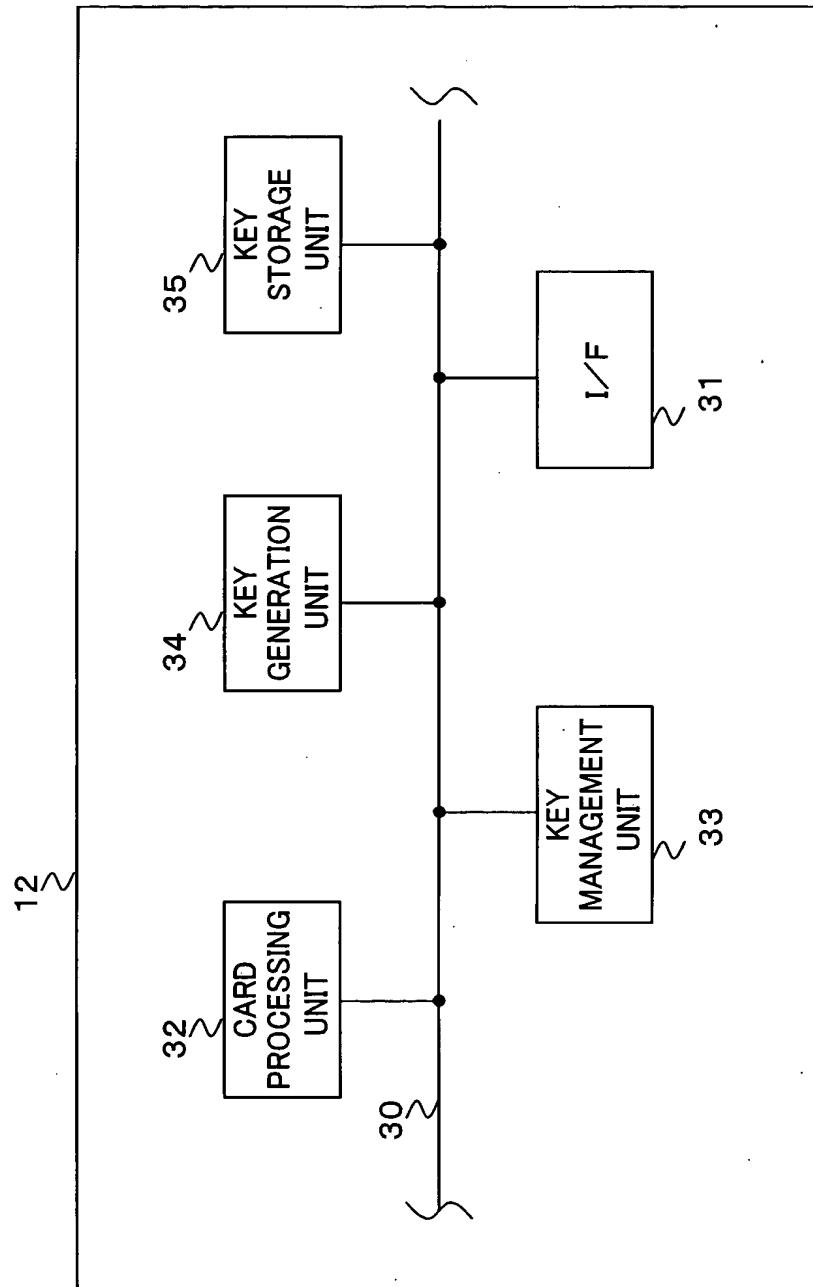
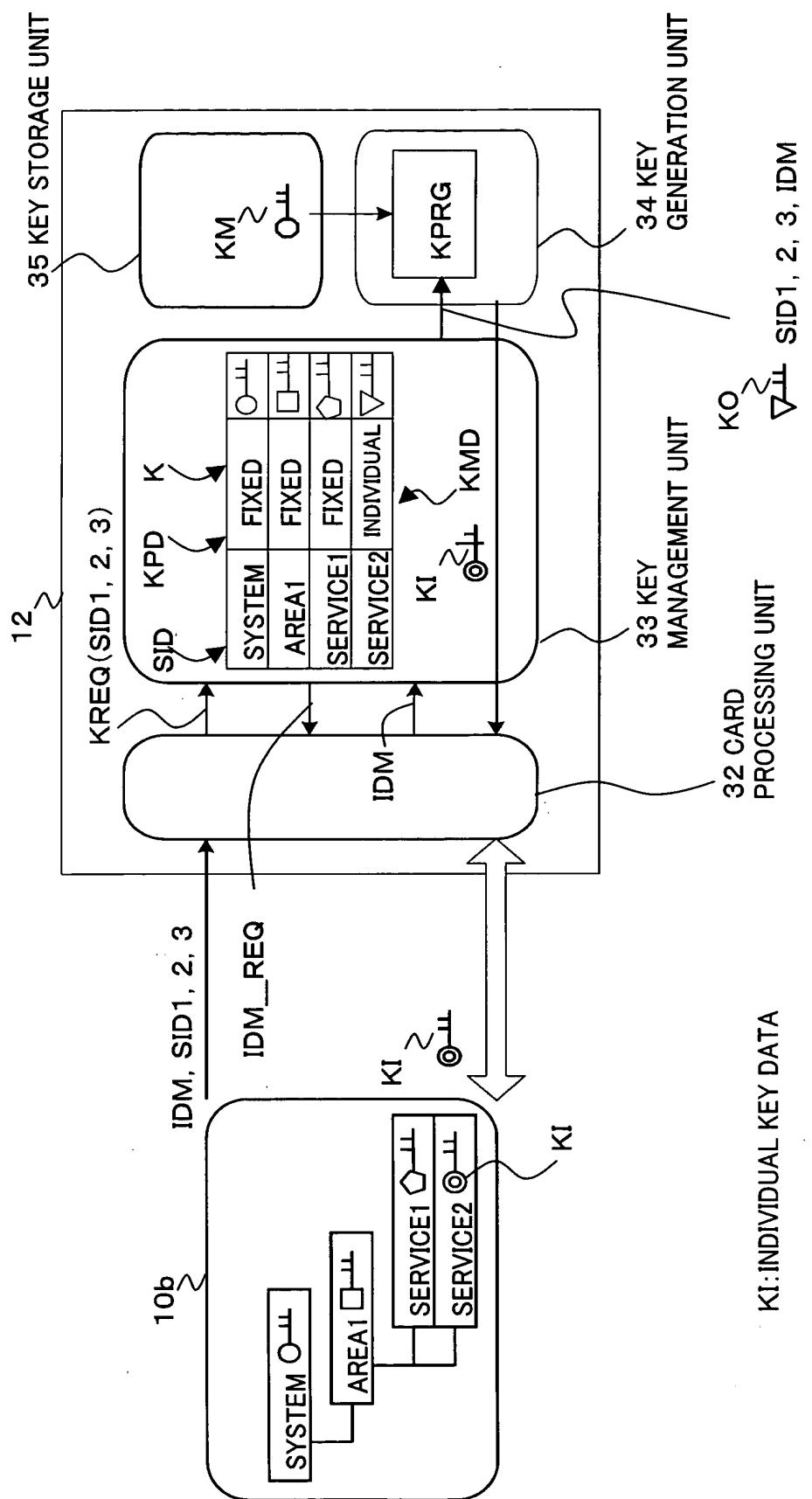


FIG. 5

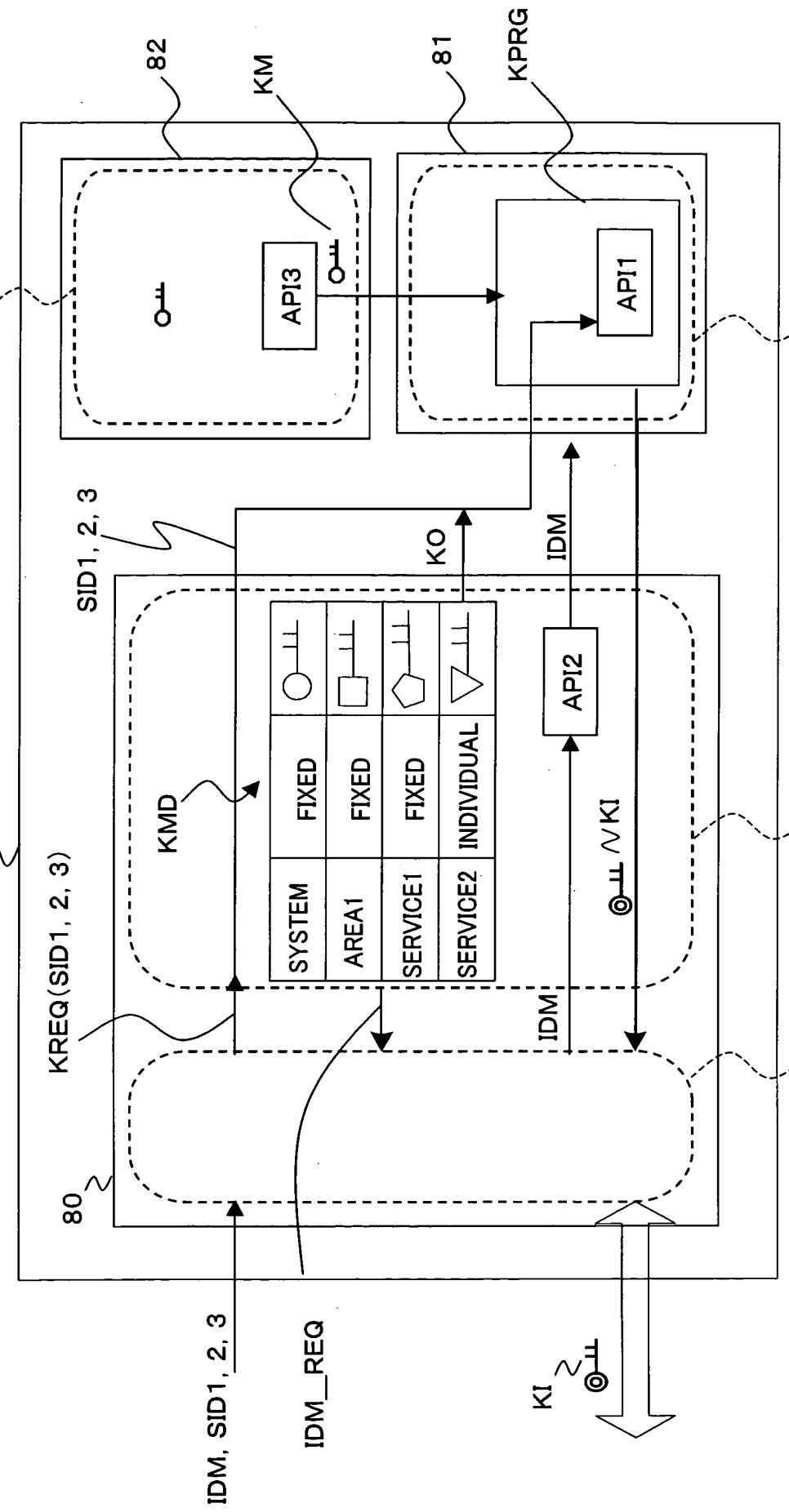


SID1, SID2, SID3: IDENTIFICATION DATA OF SERVICE ETC.

FIG. 6

12

35 KEY STORAGE UNIT

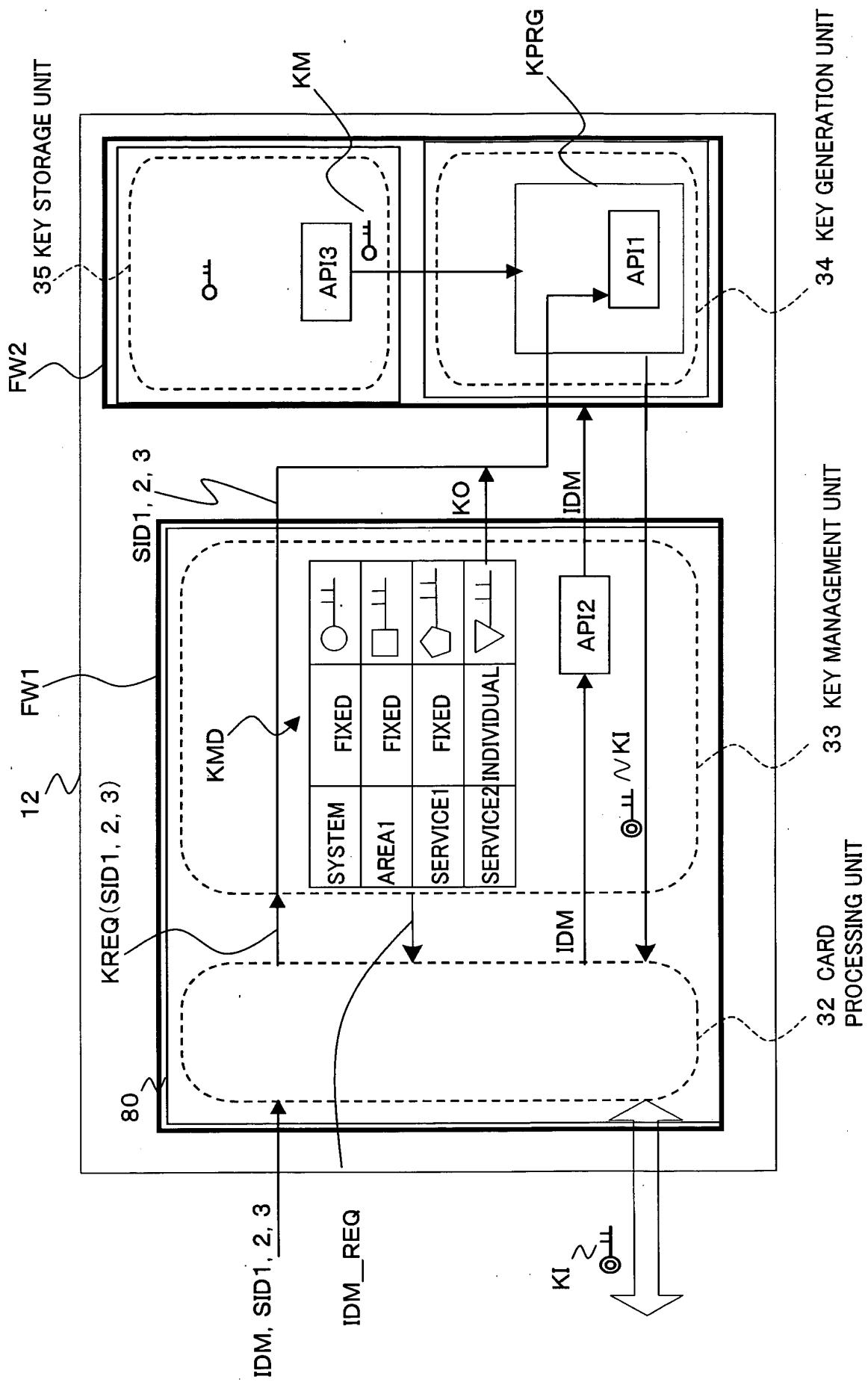


32 CARD  
 PROCESSING UNIT  
 81 : KEY GENERATION PROGRAM  
 80 : AUTHENTICATION PROGRAM

33 KEY MANAGEMENT UNIT  
 34 KEY GENERATION UNIT  
 35 KEY STORAGE UNIT

34 KEY GENERATION UNIT

FIG. 7

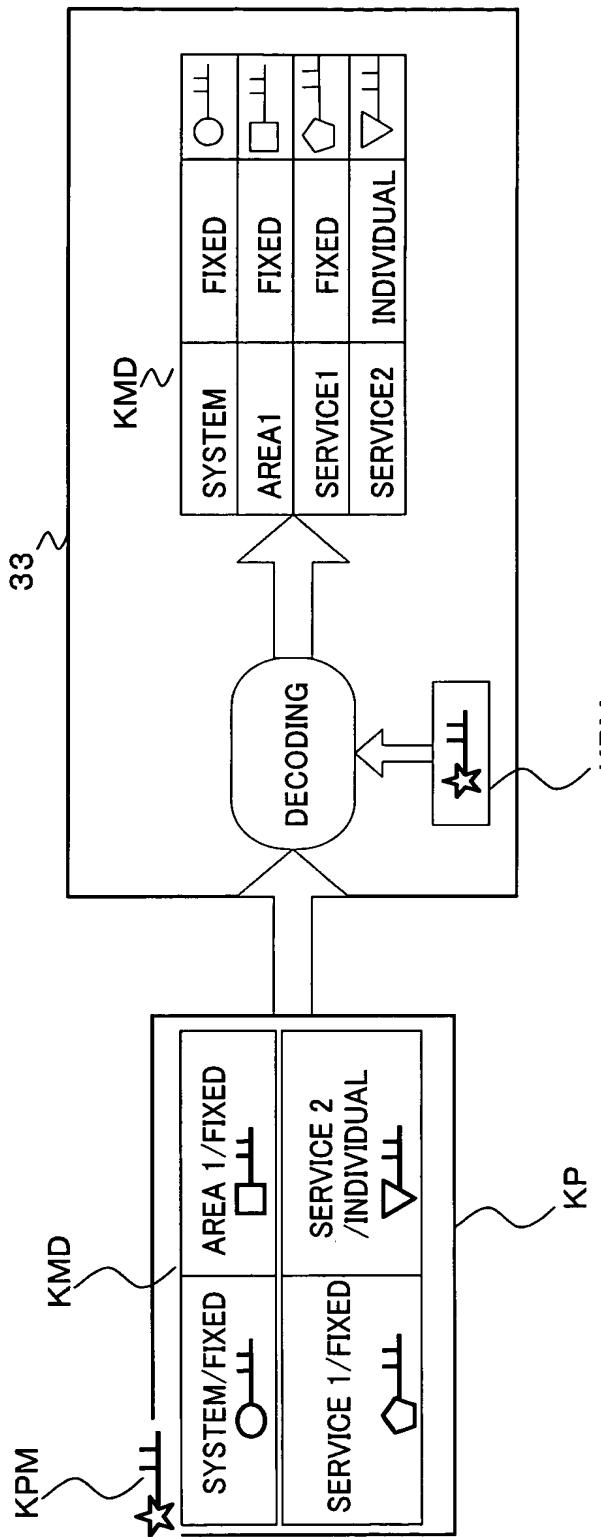


34 KEY GENERATION UNIT

33 KEY MANAGEMENT UNIT

32 CARD  
PROCESSING UNIT

FIG. 8



KMD:KEY MANAGEMENT DATA

KP:KEY PACKAGE

FIG. 9

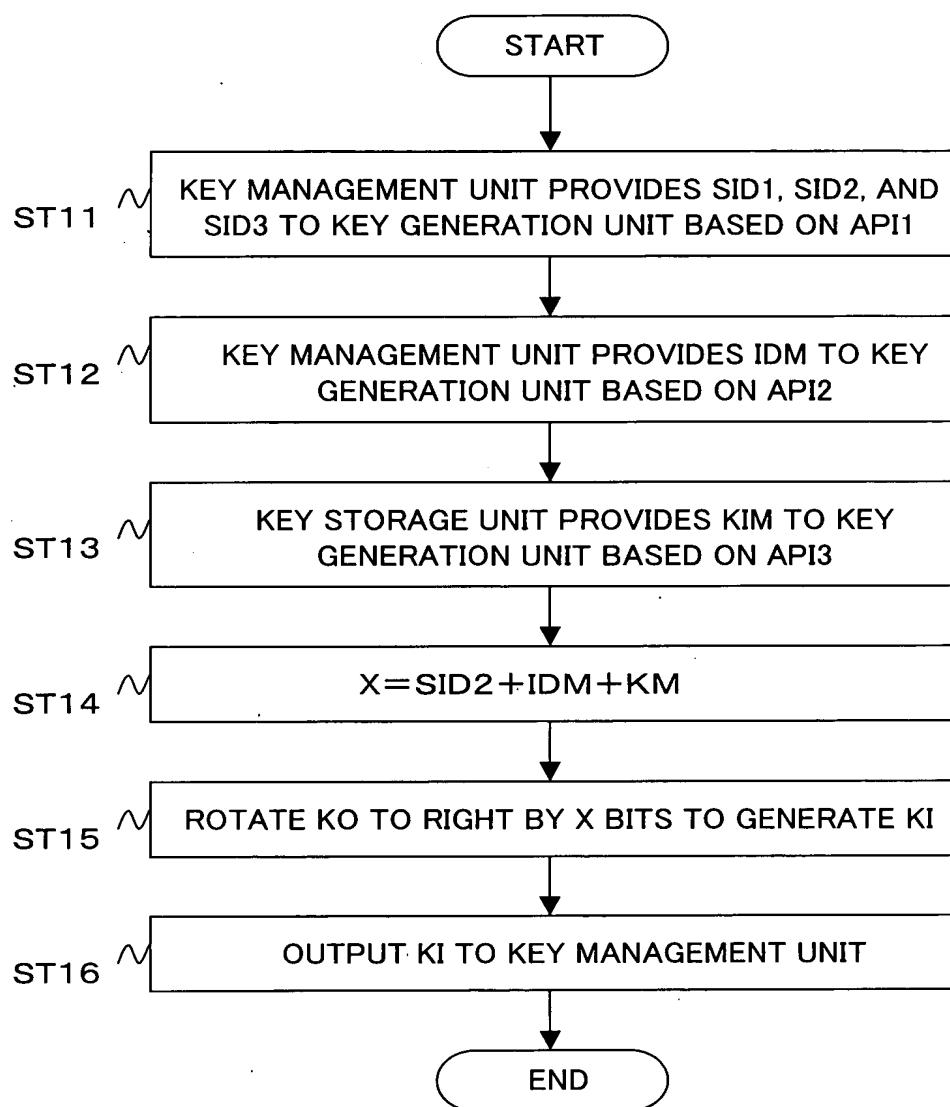


FIG. 10

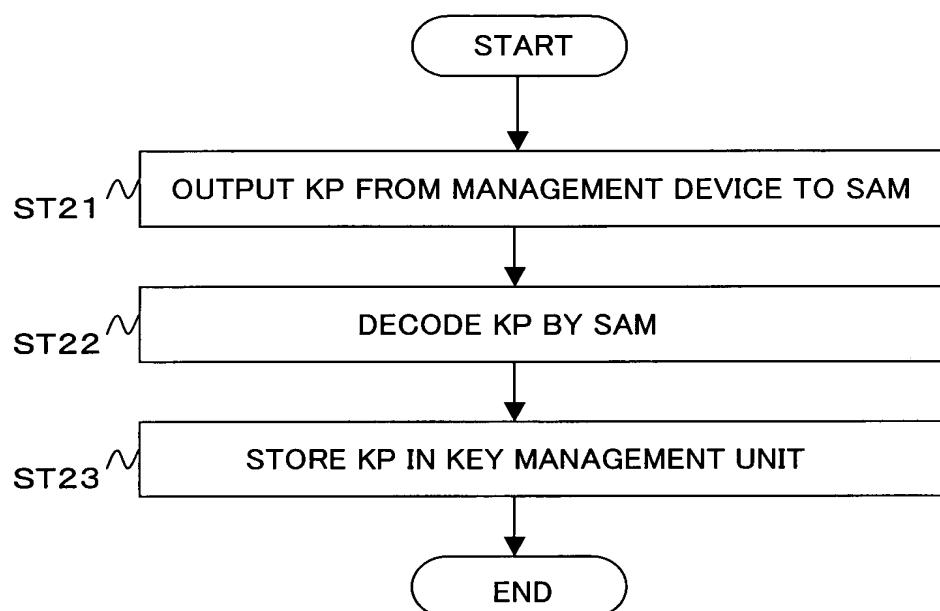


FIG. 11

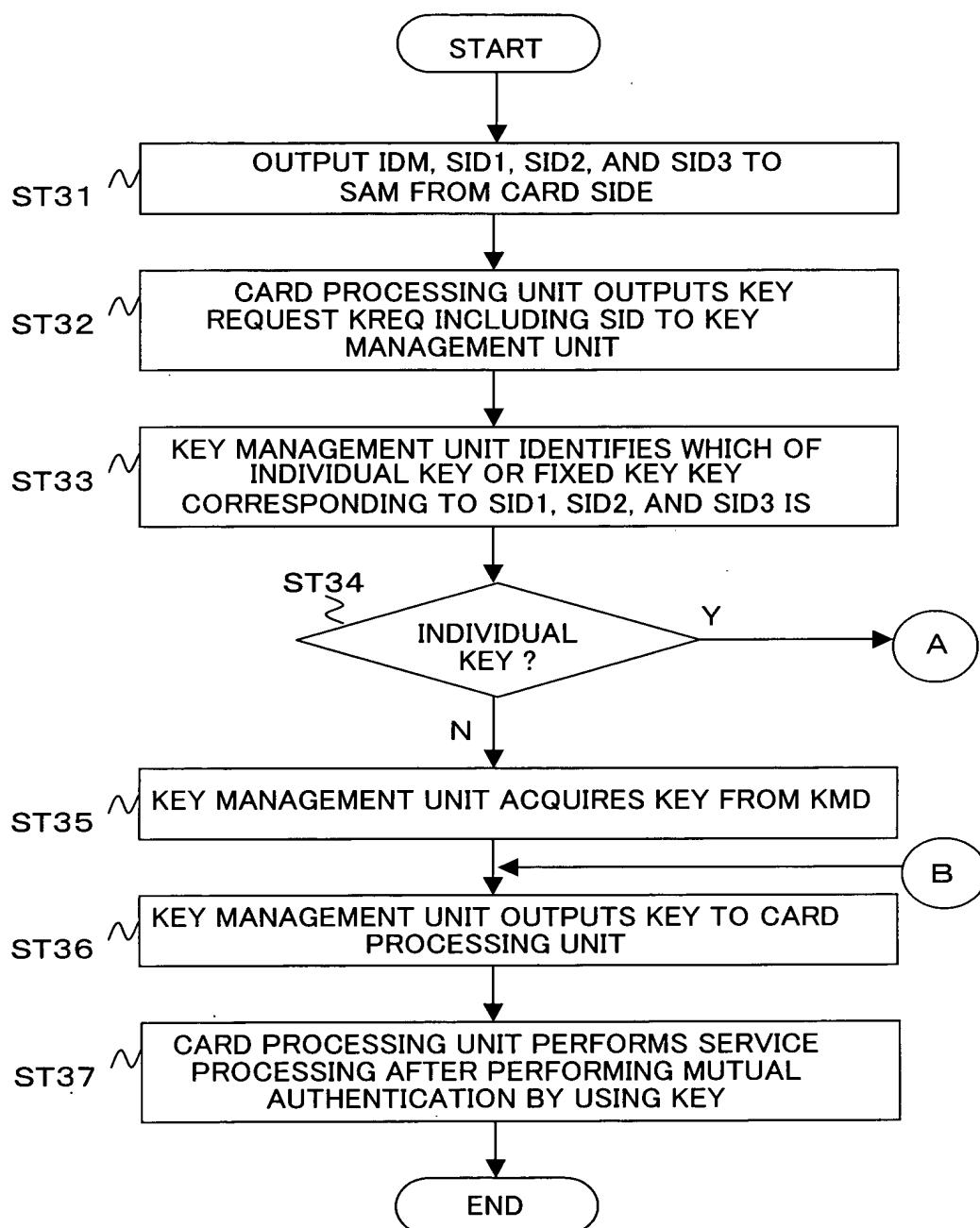


FIG. 12

